

SEQUENCE LISTING

<110> Godfrey, Wayne  
Buck, David  
Engleman, Edgar G.

<120> Receptor on the Surface of Activated T-Cells: ACT-4

<130> 16524.010

<150> US 08/472,940  
<151> 1995-06-06

<150> US 08/147,784  
<151> 1993-11-03

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<212> DNA  
<213> Homo sapiens

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tgt gcg gct ctg ctc ctc ctg ggc ctg ggg ctg agc acc gtg acg ggg 98  
Cys Ala Ala Leu Leu Leu Gly Leu Gly Leu Ser Thr Val Thr Gly  
15 20 25

ctc cac tgt gtc ggg gac acc tac ccc agc aac gac cgg tgc tgc cac 146  
Leu His Cys Val Gly Asp Thr Tyr Pro Ser Asn Asp Arg Cys Cys His  
30 35 40

gag tgc agg cca ggc aac ggg atg gtg agc cgc tgc agc cgc tcc cag 194  
Glu Cys Arg Pro Gly Asn Gly Met Val Ser Arg Cys Ser Arg Ser Gln  
45 50 55 60

aac acg gtg tgc cgt ccg tgc ggg ccg ggc ttc tac aac gac gtg gtc 242  
Asn Thr Val Cys Arg Pro Cys Gly Pro Gly Phe Tyr Asn Asp Val Val  
65 70 75

agc tcc aag ccg tgc aag ccc tgc acg tgg tgt aac ctc aga agt ggg 290  
Ser Ser Lys Pro Cys Lys Pro Cys Thr Trp Cys Asn Leu Arg Ser Gly  
80 85 90

agt gag cgg aag cag ctg tgc acg gcc aca cag gac aca gtc tgc cgc 338

Ser Glu Arg Lys Gln Leu Cys Thr Ala Thr Gln Asp Thr Val Cys Arg  
 95 100 105

tgc cg<sub>g</sub> g<sub>c</sub> g<sub>c</sub> acc c<sub>a</sub> g<sub>c</sub> ccc ctg gac agc tac a<sub>a</sub> g<sub>a</sub> g<sub>c</sub>t g<sub>t</sub> g<sub>a</sub>c 386  
 Cys Arg Ala Gly Thr Gln Pro Leu Asp Ser Tyr Lys Pro Gly Val Asp  
 110 115 120

tgt gcc ccc tgc cct cca g<sub>g</sub> g<sub>g</sub> cac ttc ttc cca g<sub>g</sub>c gac a<sub>a</sub>c c<sub>a</sub>g g<sub>c</sub>c 434  
 Cys Ala Pro Cys Pro Pro Gly His Phe Ser Pro Gly Asp Asn Gln Ala  
 125 130 135 140

tgc a<sub>a</sub>g ccc tgg acc a<sub>a</sub>c tgc acc ttg g<sub>c</sub>t g<sub>g</sub>g a<sub>a</sub>g c<sub>a</sub>c acc ctg c<sub>a</sub>g 482  
 Cys Lys Pro Trp Thr Asn Cys Thr Leu Ala Gly Lys His Thr Leu Gln  
 145 150 155

ccg g<sub>c</sub>c a<sub>a</sub>t a<sub>a</sub>g t<sub>c</sub>g g<sub>a</sub>c g<sub>c</sub>a atc t<sub>g</sub>t g<sub>a</sub>g g<sub>a</sub>c agg g<sub>a</sub>c ccc c<sub>c</sub>a 530  
 Pro Ala Ser Asn Ser Asp Ala Ile Cys Glu Asp Arg Asp Pro Pro  
 160 165 170

gcc ac<sub>g</sub> c<sub>a</sub>g ccc c<sub>a</sub>g g<sub>a</sub>g acc c<sub>a</sub>g g<sub>g</sub>c ccc c<sub>c</sub>g g<sub>c</sub>c agg ccc atc act 578  
 Ala Thr Gln Pro Gln Glu Thr Gln Gly Pro Pro Ala Arg Pro Ile Thr  
 175 180 185

gtc c<sub>a</sub>g ccc a<sub>c</sub>t gaa g<sub>c</sub>c tgg ccc a<sub>a</sub>g acc t<sub>c</sub>a c<sub>a</sub>g g<sub>g</sub>g ccc tcc acc 626  
 Val Gln Pro Thr Glu Ala Trp Pro Arg Thr Ser Gln Gly Pro Ser Thr  
 190 195 200

c<sub>g</sub>g ccc gt<sub>g</sub> g<sub>a</sub>g g<sub>t</sub>c ccc g<sub>g</sub>g g<sub>g</sub>c c<sub>g</sub>t g<sub>c</sub>g t<sub>g</sub>t g<sub>c</sub>c atc ctg g<sub>c</sub>c 674  
 Arg Pro Val Glu Val Pro Gly Gly Arg Ala Val Ala Ala Ile Leu Gly  
 205 210 215 220

ctg g<sub>c</sub>c ctg gt<sub>g</sub> ctg g<sub>g</sub>g ctg ctg g<sub>c</sub>c ccc ctg g<sub>c</sub>c atc ctg ctg g<sub>c</sub>c 722  
 Leu Gly Leu Val Leu Gly Leu Leu Gly Pro Leu Ala Ile Leu Leu Ala  
 225 230 235

ctg tac ctg ctc c<sub>g</sub>g agg g<sub>a</sub>c c<sub>a</sub>g ctg ccc ccc gat g<sub>c</sub>c cac a<sub>a</sub>g 770  
 Leu Tyr Leu Leu Arg Arg Asp Gln Arg Leu Pro Pro Asp Ala His Lys  
 240 245 250

ccc c<sub>c</sub>t g<sub>g</sub>g g<sub>g</sub>a g<sub>g</sub>c a<sub>g</sub>t t<sub>t</sub>c c<sub>g</sub>g acc ccc atc c<sub>a</sub>a g<sub>a</sub>g g<sub>a</sub>g c<sub>a</sub>g g<sub>c</sub>c 818  
 Pro Pro Gly Gly Ser Phe Arg Thr Pro Ile Gln Glu Glu Gln Ala  
 255 260 265

gac g<sub>c</sub>c c<sub>a</sub>c tcc acc ctg g<sub>c</sub>c a<sub>a</sub>g atc tgaccttgggc c<sub>c</sub>accaagg<sub>t</sub> 866  
 Asp Ala His Ser Thr Leu Ala Lys Ile  
 270 275

ggacgctggg cccccccagg ctggagcccg gagggctgtgc tggcgagca gggcaggtgc 926

agggccgcctg cccccccacg ctccctggcc aactctgcac cgttcttaggt gccgatggct 986

gcctccggct ctctgcttac gtatgccatg cataccctcct gccccggg accacaataa 1046

aaaccttggc ag 1058

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<212> PRT

<213> Homo sapiens

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<223> deduced amino acid sequence of ACT-4-h-1

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Gly Asp Thr Tyr Pro Ser Asn Asp Arg Cys Cys His Glu Cys Arg Pro  
35 40 45

Gly Asn Gly Met Val Ser Arg Cys Ser Arg Ser Gln Asn Thr Val Cys  
50 55 60

Arg Pro Cys Gly Pro Gly Phe Tyr Asn Asp Val Val Ser Ser Lys Pro  
65 70 75 80

Cys Lys Pro Cys Thr Trp Cys Asn Leu Arg Ser Gly Ser Glu Arg Lys  
85 90 95

Gln Leu Cys Thr Ala Thr Gln Asp Thr Val Cys Arg Cys Arg Ala Gly  
100 105 110

Thr Gln Pro Leu Asp Ser Tyr Lys Pro Gly Val Asp Cys Ala Pro Cys  
115 120 125

Pro Pro Gly His Phe Ser Pro Gly Asp Asn Gln Ala Cys Lys Pro Trp  
130 135 140

Thr Asn Cys Thr Leu Ala Gly Lys His Thr Leu Gln Pro Ala Ser Asn  
145 150 155 160

Ser Ser Asp Ala Ile Cys Glu Asp Arg Asp Pro Pro Ala Thr Gln Pro  
165 170 175

Gln Glu Thr Gln Gly Pro Pro Ala Arg Pro Ile Thr Val Gln Pro Thr  
180 185 190

Glu Ala Trp Pro Arg Thr Ser Gln Gly Pro Ser Thr Arg Pro Val Glu  
195 200 205

Val Pro Gly Gly Arg Ala Val Ala Ala Ile Leu Gly Leu Gly Leu Val  
210 215 220

Leu Gly Leu Leu Gly Pro Leu Ala Ile Leu Leu Ala Leu Tyr Leu Leu  
225 230 235 240

Arg Arg Asp Gln Arg Leu Pro Pro Asp Ala His Lys Pro Pro Gly Gly  
245 250 255

Gly Ser Phe Arg Thr Pro Ile Gln Glu Glu Gln Ala Asp Ala His Ser  
                  260                     265                     270

Thr Leu Ala Lys Ile  
275